



Atty. Dkt. No. 081356-0239

IFW

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Mitsuo OSHIMURA et al.  
Title: HUMAN ARTIFICIAL CHROMOSOME (HAC)  
VECTOR  
Appl. No.: 10/530,207  
Filing Date: 02/13/2006  
Examiner: Unassigned  
Art Unit: Unassigned

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT  
UNDER 37 CFR §1.56

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Submitted herewith on Form PTO/SB/08 is a listing of documents known to Applicants in order to comply with Applicants' duty of disclosure pursuant to 37 CFR §1.56.

A copy of each non-U.S. patent document and each non-patent document is being submitted to comply with the provisions of 37 CFR §1.97 and §1.98.

The submission of any document herewith, which is not a statutory bar, is not intended as an admission that such document constitutes prior art against the claims of the present application or that such document is considered material to patentability as defined in 37 CFR §1.56(b). Applicants do not waive any rights to take any action which would be appropriate to antedate or otherwise remove as a competent reference any document which is determined to be a *prima facie* art reference against the claims of the present application.

TIMING OF THE DISCLOSURE

The listed documents are being submitted in compliance with 37 CFR §1.97(b), before the mailing date of the first Office Action on the merits, and within three (3) months of the mailing date of the foreign search report.

RELEVANCE OF EACH DOCUMENT

All of the documents are in English.

Applicants respectfully request that each listed document be considered by the Examiner and be made of record in the present application and that an initialed copy of Form PTO/SB/08 be returned in accordance with MPEP §609.

Although Applicant believes that no fee is required for this Request, the Commissioner is hereby authorized to charge any additional fees which may be required for this Request to Deposit Account No. 19-0741.

Respectfully submitted,

Date 8 May 2006

FOLEY & LARDNER LLP  
Customer Number: 22428  
Telephone: (202) 672-5404  
Facsimile: (202) 672-5399

By Stephen A. Bent

Stephen A. Bent  
Attorney for Applicant  
Registration No. 29,768

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Substitute for form 1449B/PTO

INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT

Date Submitted: May 8, 2006

*Use as many sheets as necessary**Complete if Known*

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|------------------------|-----------------|
| Application Number     | 10/530,207      |
| Filing Date            | 02/13/2006      |
| First Named Inventor   | Mitsuo OSHIMURA |
| Group Art Unit         | Unassigned      |
| Examiner Name          | Unassigned      |
| Attorney Docket Number | 081356-0239     |

## U.S. PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | U.S. Patent Document |                                      | Name of Patentee or Applicant of Cited<br>Document | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where Relevant<br>Passages or Relevant<br>Figures Appear |
|-----------------------|--------------------------|----------------------|--------------------------------------|--|--|---|
|                       |                          | Number               | Kind Code <sup>2</sup> (if<br>known) |  |  |   |
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## FOREIGN PATENT DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Foreign Patent Document |                     |                                      | Name of Patentee or<br>Applicant of Cited Documents | Date of Publication of<br>Cited Document<br>MM-DD-YYYY | Pages, Columns, Lines, Where<br>Relevant<br>Passages or Relevant<br>Figures Appear | T <sup>6</sup> |
|-----------------------|--------------------------|-------------------------|---------------------|--------------------------------------|---|--|--|----------------|
|                       |                          | Office <sup>3</sup>     | Number <sup>4</sup> | Kind Code <sup>5</sup><br>(if known) |   |  |  |                |
|                       | B1                       | EP                      | 1 106 061 A1        |                                      | KIRIN BEER KABUSHIKI KAISHA                         | 6/13/2001  |  |                |
|                       |                          |                         |                     |                                      |   |  |  |                |

## NON PATENT LITERATURE DOCUMENTS

| Examiner<br>Initials* | Cite<br>No. <sup>1</sup> | Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the<br>item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where<br>published. | T <sup>6</sup> |
|-----------------------|--------------------------|--|----------------|
|                       | B2                       | Richard SAFFERY et al., "Strategies for engineering human chromosomes with therapeutic potential", The Journal of Gene Medicine, J. Gene Med. 2002, 4: pp. 5-13.   |                |
|                       | B3                       | Motonobu KATOH et al., "Construction of a novel human artificial chromosome vector for gene delivery", Biochemical and Biophysical Research Communications 321 (2004), pp. 280-290.  |                |
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Examiner  
SignatureDate  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> See attached Kinds of U.S. Patent Documents. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.<sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

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